

PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM
Search PubMed	for Melittin/analogs and derivatives [MESH]					Go	Clear
Limits		Preview/Index		History		Clipboard	

Entrez PubMed

Display	Summary	Save	Text	Order	Details	Add to Clipboard
Show 20	Items 1-20 of 53		Page 1 of 3		Select page: 1 2 3	

PubMed Services

- ☒ 1: [Kolusheva S, Boyer L, Jelinek R.](#)

Related Articles

A colorimetric assay for rapid screening of antimicrobial peptides.
Nat Biotechnol. 2000 Feb;18(2):225-7.
PMID: 10657134; UI: 20124259

- ☐ 2: [Sharon M, Oren Z, Shai Y, Anglister J.](#)

Related Articles

2D-NMR and ATR-FTIR study of the structure of a cell-selective diastereomer of melittin and its orientation in phospholipids.
Biochemistry. 1999 Nov 16;38(46):15305-16.
PMID: 10563816; UI: 20031528

Related Resources

- ☐ 3: [Oh D, Shin SY, Kang JH, Hahm KS, Kim KL, Kim Y.](#)

Related Articles, Protein, Structure

NMR structural characterization of cecropin A(1-8) - magainin 2(1-12) and cecropin A (1-8) - melittin (1-12) hybrid peptides.
J Pept Res. 1999 May;53(5):578-89.
PMID: 10424354; UI: 99351640

- ☐ 4: [Rivett DE, Hewish D, Kirkpatrick A, Werkmeister J.](#)

Related Articles

Inhibition of membrane-active peptides by fatty acid-peptide hybrids.
J Protein Chem. 1999 Apr;18(3):291-5.
PMID: 10395447; UI: 99321370

- ☒ 5: [Subbalakshmi C, Nagaraj R, Sitaram N.](#)

Related Articles

Biological activities of C-terminal 15-residue synthetic fragment of melittin: design of an analog with improved antibacterial activity.
FEBS Lett. 1999 Apr 1;448(1):62-6.
PMID: 10217411; UI: 99231763

- ☐ 6: [Wolfe C, Cladera J, O'Shea P.](#)

Related Articles

Amino acid sequences which promote and prevent the binding and membrane insertion of surface-active peptides: comparison of melittin and promelittin.
Mol Membr Biol. 1998 Oct-Dec;15(4):221-7.
PMID: 10087509; UI: 99187473

- ☐ 7: [Takei J, Remenyi A, Dempsey CE.](#)

Related Articles

Generalised bilayer perturbation from peptide helix dimerisation at membrane surfaces: vesicle lysis induced by disulphide-dimerised melittin analogues.
FEBS Lett. 1999 Jan 8;442(1):11-4.
PMID: 9923594; UI: 99120469

- ☒ 8: [Takei J, Remenyi A, Clarke AR, Dempsey CE.](#)

Related Articles

Self-association of disulfide-dimerized melittin analogues.
Biochemistry. 1998 Apr 21;37(16):5699-708.
12/19/00 3:27 PM

- ☒ **9:** Ebeling SC, Kelly SM, O'Kennedy BT, Price NC, Sheehan D.

Surface activity properties of cysteine-substituted C-terminal melittin analogues.
 Biochimie. 1997 Sep;79(8):503-8.
 PMID: 9451451; UI: 98113411

Related Articles
- ☐ **10:** Perez-Paya E, Dufourcq J, Braco L, Abad C.

Structural characterisation of the natural membrane-bound state of melittin: a fluorescence study of a dansylated analogue.
 Biochim Biophys Acta. 1997 Oct 23;1329(2):223-36.
 PMID: 9371414; UI: 98037465

Related Articles
- ☐ **11:** Perez-Paya E, Porcar I, Gomez CM, Pedros J, Campos A, Abad C.

Binding of basic amphipathic peptides to neutral phospholipid membranes: a thermodynamic study applied to dansyl-labeled melittin and substance P analogues.
 Biopolymers. 1997 Aug;42(2):169-81.
 PMID: 9234996; UI: 97378315

Related Articles
- ☐ **12:** Baghian A, Jaynes J, Enright F, Kousoulas KG.

An amphipathic alpha-helical synthetic peptide analogue of melittin inhibits herpes simplex virus-1 (HSV-1)-induced cell fusion and virus spread.
 Peptides. 1997;18(2):177-83.
 PMID: 9149288; UI: 97293315

Related Articles
- ☐ **13:** Legendre JY, Trzeciak A, Bohrmann B, Deuschle U, Kitas E, Supersaxo A.

Dioleoylmelittin as a novel serum-insensitive reagent for efficient transfection of mammalian cells.
 Bioconj Chem. 1997 Jan-Feb;8(1):57-63.
 PMID: 9026036; UI: 97178646

Related Articles
- ☒ **14:** Curcio-Vonlanthen V, Rolli H, Schneider CH.

Immunogenicity studies with haptenated melittin peptides: implication for membrane involvement during the recognition step.
 J Pept Sci. 1996 Jul-Aug;2(4):252-60.
 PMID: 9231333; UI: 97374958

Related Articles
- ☐ **15:** Juvvadi P, Vunnam S, Merrifield EL, Boman HG, Merrifield RB.

Hydrophobic effects on antibacterial and channel-forming properties of cecropin A-melittin hybrids.
 J Pept Sci. 1996 Jul-Aug;2(4):223-32.
 PMID: 9231329; UI: 97374954

Related Articles
- ☒ **16:** Rivett DE, Kirkpatrick A, Hewish DR, Reilly W, Werkmeister JA.

Dimerization of truncated melittin analogues results in cytolytic peptides.
 Biochem J. 1996 Jun 1;316 (Pt 2):525-9.
 PMID: 8687396; UI: 96257746

Related Articles
- ☐ **17:** Marcos JF, Beachy RN, Houghten RA, Blondelle SE, Perez-Paya E.

Inhibition of a plant virus infection by analogs of melittin.
 Proc Natl Acad Sci U S A. 1995 Dec 19;92(26):12466-9.
 PMID: 8618922; UI: 96109287

Related Articles
- ☐ **18:** Midoux P, Mayer R, Monsigny M.

Membrane permeabilization by alpha-helical peptides: a flow cytometry study.

Related Articles

☐ 19: [Henk WG, Todd WJ, Enright FM, Mitchell PS.](#)

[Related Articles](#), [Protein](#)

The morphological effects of two antimicrobial peptides, hecate-1 and melittin, on *Escherichia coli*.

Scanning Microsc. 1995 Jun;9(2):501-7.
PMID: 8714745; UI: 96349376

☐ 20: [Baker KJ, East JM, Lee AG.](#)

[Related Articles](#)

Mechanism of inhibition of the Ca(2+)-ATPase by melittin.

Biochemistry. 1995 Mar 21;34(11):3596-604.
PMID: 7893656; UI: 95200861

Display	Summary	<input type="checkbox"/>	Save	Text	Order	Details	Add to Clipboard
Show:	20	<input type="checkbox"/>	Items 1-20 of 53		Page 1 of 3		Select page: 1 2 3

[Write to the Help Desk](#)
[NCBI](#) | [NLM](#) | [NIH](#)
[Department of Health & Human Services](#)
[Freedom of Information Act](#) | [Disclaimer](#)